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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: KOCH, Frederick E. et al. Group Art Unit: 2878
Serial No. 10/627,460 Examiner: POLYZOS, Faye S.
Filed: 07/25/2003 Atty. Dkt. No: 20030077-US
For: QUANTUM DOT INFRARED PHOTODETECTOR FOCAL PLANE ARRAY

To: Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

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CERTIFICATE OF FACSIMILE 37 CFR 1.8: I hereby certify that this paper is being transmitted by facsimile to the Commissioner for Patents and Trademarks to the attention of Examiner Faye S. Polyzos at facsimile # 703-872-9306 and telephone # 571-272-2447 on the date shown below.

Date: Jan. 12, 2005

Debra A. Stengel
[X] Debra A. Stengel or [] Neil F. Maloney Reg. #42,833

Commissioner:

AMENDMENT A

In response to the Office Action mailed Dec. 21, 2004, the Applicant has timely enclosed herein: 11 pages of amendments and remarks.

Amendments to the Specification are reflected in the corresponding section, which begins on page 2 of this paper.

Amendments to the Claims are reflected in the corresponding section, which begins on page 3 of this paper, and include a complete claim listing (less any cancelled claims).

Remarks begin on page 8 of this paper.

DEPOSIT ACCOUNT 190130 AUTHORIZATION – The Office is hereby authorized to charge the required fee, and any deficiency or credit any overpayment in the fees to the above deposit account, owned by BAE SYSTEMS Information and Electronic Systems Integration Inc. an authorized signator for which is Kevin M. Perkins, V.P. & Company Counsel, and for whom the undersigned are authorized agents.